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(54) SYNCHRONIZING DEVICE FOR AUDIO SIGNAL AND VIDEO SIGNAL

(57)Abstract:

PURPOSE: To exactly synchronize an audio component and a video component.

CONSTITUTION: Compressed video data are supplied through a rate buffer 204 to a video restoration device 214, and compressed audio data are supplied through a rate buffer 206 to an audio restoration device 212. An audio/video synchronizing error signal ERRPTS generated from a subtracter 219 is supplied to a filter/processor 216. The filter/processor 216 checks the smoothed error signal ERRPTS and adjusts the audio restoration device 212 so as to skip or repeat an audio frame when rough synchronizing control is required or adjusts the frequency of audio processing clock signal by supplying a control signal to an audio time base 215 when precise control is required.

